

**VETERINARY IMPLANTABLE PREPARATION FOR REGULATION OF BIOLOGICAL RHYTHM IN ANIMALS****Publication number:** RU2096044**Publication date:** 1997-11-20**Inventor:** PUNEGOVA LYUDMILA NIKOLAEVNA (EE); GAREEV ROBERT DAVLETSHIEVICH (EE); SHITOVA TAMARA SERGEEVNA (EE); BARABANOV VLADIMIR IVANOVICH (EE); ZALYALOV ILDAR NADYROVICH (EE); DERVYANOV VLADIMIR NIKOLAEVICH (EE); KHUSNUTDINOV RAVIL SADREEVICH (EE); RAVILOV ABDULKHAMET ZARIFOVICH (EE); IDRISOV GAZIM ZIGANSHINOVICH (EE)**Applicant:** MALOE PREDPR VETTA (EE)**Classification:****- International:** A61K47/30; A61K38/22; A61K47/30; A61K38/22;  
(IPC1-7): A61K47/30; A61K38/22; A61K47/30**- European:****Application number:** RU19950112620 19950719**Priority number(s):** RU19950112620 19950719**Report a data error here**

Abstract not available for RU2096044

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Nov 20, 1997

DERWENT-ACC-NO: 1998-320416

DERWENT-WEEK: 199828

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**TITLE:** Melatonin based implant composition for controlling biological rhythm in animals - contains additional ethyl-cyano-acrylate polymer as degradable carrier, psychotropic composition and phthalate plasticiser

**INVENTOR:** GAREEV, R D ; PUNEGOVA, L N ; SHITOVA, T S

**PATENT-ASSIGNEE:**

ASSIGNEE	CODE
VETTA ENTERP	VETTR

**PRIORITY-DATA:** 1995RU-0112620 (July 19, 1995)

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**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> RU 2096044 C1	November 20, 1997		012	A61K047/30

**APPLICATION-DATA:**

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
RU 2096044C1	July 19, 1995	1995RU-0112620	

**INT-CL (IPC):** A61K 47/30; A61K 38/22; A61K 47/30

**ABSTRACTED-PUB-NO:** RU 2096044C

**BASIC-ABSTRACT:**

Melatonin based implant composition for controlling biological rhythm in animals, particularly fur-bearing species includes a biodegradable polymer and a plasticiser. The composition comprises (in wt.%): 10-40 melatonin, 55.5-89.95 Tsiakrin-EO (ethylcyanoacrylate-based polymer), 0.05-4.5 plasticiser (phthalate, alkylcyanoacetate or triacetin). A psychotropic drug (e.g. phenothiazine or benzodiazepine derivs.) is optionally included in an amount of 7-25 wt.%.

**USE** - The composition is used in veterinary science, animal breeding and for accelerating the development of fur-bearing animal coats.

**ADVANTAGE** - Durability is increased by 45% compared to known implant use and polymer carrier is fully degradable.

**CHOSEN-DRAWING:** Dwg.0/0

TITLE-TERMS: MELATONIN BASED IMPLANT COMPOSITION CONTROL BIOLOGICAL RHYTHM ANIMAL  
CONTAIN ADD ETHYL CYANO ACRYLATE POLYMER DEGRADE CARRY PSYCHOTROPIC COMPOSITION  
PHTHALATE PLASTICISED

DERWENT-CLASS: A96 B02 B04 C02 C03

CPI-CODES: A04-D; A09-A07; A12-V02; B04-C03B; B06-D01; B14-J01; B04-C03B; C04-C03B;  
B06-D01; C06-D01; B14-J01; C14-J01; C04-C03B; C06-D01; C14-J01;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*  
Fragmentation Code  
H7 H714 H721 J0 J011 J2 J271 K0 L1 L145  
M210 M212 M262 M281 M312 M321 M332 M342 M381 M391  
M416 M423 M431 M782 M903 M904 Q606 R046 V743  
Markush Compounds  
199828-21801-M 199828-21801-Q

Chemical Indexing M2 \*02\*

Fragmentation Code  
D011 D022 D601 H5 H541 H8 J0 J011 J3 J371  
M210 M211 M262 M272 M281 M312 M321 M332 M342 M373  
M391 M412 M431 M511 M520 M530 M540 M782 M903 M904  
M910 R046  
Specific Compounds  
00320M  
Registry Numbers  
0320U

Chemical Indexing M6 \*03\*

Fragmentation Code  
M903 P446 Q606 R220

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0320U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G0373 G0340 G0339 G0260 G0022 D01 D12 D10 D26 D51 D53 D58  
D63 F41 D11 D86 F12 ; H0000 ; H0011\*R ; P0088 Polymer Index [1.2] 018 ; ND01 ;  
Q9999 Q8037 Q7987 ; B9999 B4477 B4466 ; Q9999 Q9336 ; B9999 B3021 B3010 Polymer  
Index [1.3] 018 ; G3123\*R D01 D19 D18 D63 D76 F41 F90 E00 E19 ; A999 A384 Polymer  
Index [1.4] 018 ; D01 D11 D10 D50 D63 F12 F89 F41 ; A999 A384 Polymer Index [1.5]  
018 ; R00744 D01 D11 D10 D50 D63 D89 F41 F91 ; A999 A384

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-098366

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